

# State of Idaho Certificate for the Microbiological Analysis

of

## Drinking Water

I.A.S. EnvironChem Laboratory

3314 Pole Line Road

Pocatello, ID, 83201

EPA ID00952

Based on the most recent assessment, proficiency testing results and continuing compliance with the EPA (815-R-05-004) "Manual for the Certification of Laboratories Analyzing Drinking Water" with addendums and IDAPA 16.02.13, I.A.S. EnviroChem Laboratory is certified for environmental monitoring under the Safe Drinking Water Act and authorized to perform the following methods for the analytes listed.

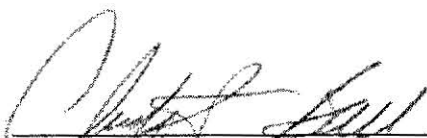
SM9223B-P/A

Total coliform/*E. coli* Enzyme Substrate (Colilert®)

SM9223B-QT

*E. coli* for LTSWTR2 Enzyme Substrate (Colilert®)

This certification is in effect through November 1st, 2017.



Christopher Ball, Ph.D., HCLD (ABB)  
Certification Authority for the State of Idaho



IDAHO DEPARTMENT OF  
HEALTH & WELFARE

# State of Idaho Drinking Water Certificate

## Inorganic Analysis

Effective Dates: 7/1/2016-2/28/2017

IAS - EnviroChem  
3314 Pole Line Road  
Pocatello, ID 83201  
EPA ID: ID00952

<u>List of Analytes</u>	<u>Status</u> <sup>1</sup>	<u>Methods</u>
<u>Disinfection Byproducts</u>		
Bromate	*	
Chlorite	*	
<u>Copper &amp; Lead</u>		
Copper	C	200.7, 200.8
Lead	C	200.8
<u>Nitrate &amp; Nitrite</u>		
Nitrate	C	300.0
Nitrite	C	300.0
<u>Inorganics</u>		
Cyanide	*	
Fluoride	C	300.0
<u>Metals</u>		
Antimony	C	200.8
Arsenic	C	200.8
Barium	C	200.7, 200.8
Beryllium	C	200.7, 200.8
Cadmium	C	200.7, 200.8
Chromium	C	200.7, 200.8
Mercury	C	200.8
Nickel	C	200.7, 200.8
Selenium	C	200.8
Sodium	C	200.7
Thallium	C	200.8
<u>Radiochemical Contaminants</u>		
Total Uranium	C	200.8
<u>Miscellaneous</u>		
Turbidity	C	180.1

1) C = Certified, N = Not Certified, P = Provisionally Certified, I = Interim Certified, \* = Certification Not Requested



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IDAHO DEPARTMENT OF  
HEALTH & WELFARE

Idaho Bureau of Laboratories- 2220 Old Penitentiary Rd-Boise Id 83712-8299  
[www.statelab.idaho.gov](http://www.statelab.idaho.gov) 208-334-2235



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

### Brooks Applied Labs

18804 North Creek Parkway, Suite 100

Bothell, WA 98011

has been assessed by ANAB  
and meets the requirements of

## ISO/IEC 17025:2005 and DoD-ELAP

while demonstrating technical competence in the field of

### TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of tests to which this accreditation applies.

ADE-1447

Certificate Number

  
ANAB Approval

Certificate Valid: 06/10/2016-03/30/2018  
Version No. 002 Issued: 06/10/2016



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).



## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 AND DoD-ELAP & TNI ENVIRONMENTAL LABORATORY STANDARD

### Brooks Applied Labs

18804 North Creek Parkway, Suite 100, Bothell, WA 98011

Frank McFarland Phone: 206-632-6206

### TESTING

Valid to: March 30, 2018

Certificate Number: ADE-1447

#### I. Environmental

Matrix	Specific Test or Group of Analytes*	Specification or Standard Method (All EPA Unless Specified)	Key Equipment or Technology Used**
Water Solids Biological Tissue	Elemental Analysis	BAL-5000 In-house versions of: 1638 modified 200.8 modified 6020 modified	ICP-MS
Food***	Elemental Analysis	BAL-5040 In-house versions of: AOAC 2015.01 modified	ICP-MS
Seawater^	Elemental Analysis	BAL-5000 In-house versions of: 1638 modified 1640 modified	ICP-MS
Seawater^	Elemental Analysis	BAL-5001 In-house versions of: 1640 modified	ICP-MS
Water Biological Tissue Food ***	Inorganic Arsenic Trivalent Arsenic	BAL-3300 1632A	HGAAS
Water Biological Tissue Food ***	Pentavalent Arsenic	BAL-3300 1632A	Difference
Water^ Biological Tissue^ Food ***	Monomethylarsonic acid (MMA) Dimethylarsinic acid (DMA)	BAL-3300 1632A	HGAAS
Solids^	Inorganic Arsenic Trivalent Arsenic	BAL-3300 In-house versions of: 1632A modified	HGAAS

<b>Matrix</b>	<b>Specific Test or Group of Analytes*</b>	<b>Specification or Standard Method (All EPA Unless Specified)</b>	<b>Key Equipment or Technology Used**</b>
Solids^	Pentavalent Arsenic	BAL-3300 In-house versions of: 1632A modified	Difference
Water^ Biological Tissue^	Trivalent Arsenic Pentavalent Arsenic Monomethylarsonic acid (MMA) Dimethylarsinic acid (DMA)	BAL-4100	IC-ICP-MS
Biological Tissue^	Arsenobetaine	BAL-4191	IC-ICP-MS
Food***	Total Inorganic Arsenic (TIA) Monomethylarsonic acid (MMA) Dimethylarsinic acid (DMA)	BAL-4101	IC-ICP-MS
Water^	Selenite Se(IV) Selenate Se(VI) Selenocynate SeCN	BAL-4200	IC-ICP-MS
Water^ Solids^	Hexavalent Chromium Cr(VI)	BAL-4300	IC-ICP-MS
Solids^	Hexavalent Chromium Cr(VI) Prep	BAL-4310 3060a	Alkaline Digestion
Waters^	Total Iron Fe Ferrous Iron Fe(II)	BAL-4500 SM 3500-Fe B modified	Colorimetric
Water	Low level Hg	BAL-3100 1631E	CVAFS
Solids Biological Tissue Food***	Low level Hg	BAL-3101 1631E (appendix)	CVAFS
Water	Methyl Mercury	BAL-3200 1630	CVAFS
Solids^ Biological Tissue^	Methyl Mercury	BAL-3200 In-house versions of: 1630 modified	CVAFS
Water	Hardness – total (as CaCO <sub>3</sub> )	SM 2340 B (20 <sup>th</sup> Ed.)	By Calculation

<b>Matrix</b>	<b>Specific Test or Group of Analytes*</b>	<b>Specification or Standard Method (All EPA Unless Specified)</b>	<b>Key Equipment or Technology Used**</b>
Water	Total Suspended Solids	SM 2540 D (20 <sup>th</sup> Ed.) 160.2	Gravimetric
Solids	Dry weight	SM 2540 G (20 <sup>th</sup> Ed.) 160.3	Gravimetric

**Notes:**

1. \* = Where not identified here, refer to Accredited Analyte Listing for specific analytes in which the laboratory is accredited to for DoD ELAP.
2. \*\* = as applicable.
3. \*\*\* = Accreditation to ISO/IEC 17025 Only.
4. ^ = Accreditation to ISO/IEC 17025 and the TNI ENVIRONMENTAL LABORATORY STANDARD Only.
5. This scope is formatted as part of a single document including Certificate of Accreditation No. ADE-1447.

  
 Vice President

**State of Idaho Certificate for the  
Microbiological Analysis  
of  
Drinking Water  
SVL Analytical, Inc. Microbiology Branch  
2195 Ironwood Court  
Coeur d' Alene, ID 83814  
EPA ID00965**

Based on the most recent assessment, proficiency testing results and continuing compliance with the EPA (815-R-05-004) "Manual for the Certification of Laboratories Analyzing Drinking Water" with addendums and IDAPA 16.02.13, Analytical Laboratories, Inc. is certified for environmental monitoring under the Safe Drinking Water Act and authorized to perform the following methods for the analytes listed.

SM9223B-P/A	Total coliform/ <i>E. coli</i> Enzyme Substrate (Colilert ®)
SM9223B-QT	<i>E. coli</i> for LTSWTR2 Enzyme Substrate (Colilert ®)
SM9221B-10	Total coliform by Multiple Tube Fermentation
SM9221F	<i>E. coli</i> by Multiple Tube Fermentation Present/Absent
SM9215B	Heterotrophic Plate Count

This certification is in effect through December 2016.



Christopher Ball, Ph.D., HCLD (ABB)  
Certification Authority for the State of Idaho



IDAHO DEPARTMENT OF HEALTH & WELFARE  
DIVISION OF PUBLIC HEALTH



# State of Idaho Drinking Water Certificate

## Inorganic Analysis

**Effective Dates: 7/1/2016-12/31/2016**

SVL Analytical, Inc.  
One Government Gulch  
Kellogg, ID 83837  
EPA ID: ID00019

<u>List of Analytes</u>	<u>Status</u> <sup>1</sup>	<u>Methods</u>
<u>Disinfection Byproducts</u>		
Bromate	*	
Chlorite	*	
<u>Copper &amp; Lead</u>		
Copper	C	200.8
Lead	C	200.8
<u>Nitrate &amp; Nitrite</u>		
Nitrate	C	300.0
Nitrite	C	300.0, 353.2
Nitrate + Nitrite, Total	C	353.2
<u>Inorganics</u>		
Cyanide	C	335.4
Fluoride	C	300.0
<u>Metals</u>		
Antimony	C	200.8
Arsenic	C	200.8
Barium	C	200.7, 200.8
Beryllium	C	200.7, 200.8
Cadmium	C	200.7, 200.8
Chromium	C	200.7, 200.8
Mercury	C	245.1
Nickel	C	200.7, 200.8
Selenium	C	200.8
Sodium	C	200.7
Thallium	C	200.8
<u>Radiochemical Contaminants</u>		
Total Uranium	C	200.8
<u>Miscellaneous</u>		
Turbidity	C	180.1

1) C = Certified, N = Not Certified, P = Provisionally Certified, I = Interim Certified, \* = Certification Not Requested



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**HEALTH & WELFARE**